

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023660**Date Inspected:** 16-May-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Jobsite

CWI Name:	John Pagliero		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No N/A
Weld Procedures Followed:	Yes	No N/A
Verified Joint Fit-up:	Yes	No N/A
Approved WPS:	Yes	No N/A
Delayed / Cancelled:	Yes	No N/A
Component:	SAS OBG	

Bridge No: 34-0006**Summary of Items Observed:**

Quality Assurance inspector (QA) Douglas Frey was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

1. 11E PP108 E6 Drip Rails
2. 7W PP55 W4 1&3 Lifting Lug Holes (Inside)
3. 7W PP55 W4 2&4 Lifting Lug Holes (Inside)
4. 9W PP77 W3 Lifting Lug Holes
5. 9W 10W D2 (Inside)

1. 11E PP108 E6 Drip Rails

The QA Inspector noted and periodically observed ABF welder Gil Peralta performing Shielded Metal Arc Welding (SMAW) on the Drip Rail located at 11E PP108. The QA Inspector observed the QC inspector Fred Von Hoff as being present in order to monitor the progress and ensure the welding parameters were within the established WPS. The work was completed on this date and the QA Inspector noted that the work appeared to be in general conformance with the contract documents.

2. 7W PP55 W4 1&3 Lifting Lug Holes (Inside)

The QA Inspector periodically observed the ABF welder Jason Collins performing SMAW in the 4G overhead

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position on the Lifting Lug Holes (LLH) located at 7W PP55. The QA Inspector observed the QC inspector Fred Von Hoff as being present in order to monitor the progress and ensure the welding parameters were within the established WPS. The QA Inspector noted that the work was completed on this date and appeared to be in general conformance with the contract documents.

3. 7W PP55 W4 2&4 Lifting Lug Holes (Inside)

The QA Inspector periodically observed the ABF welder Mike Jiminez performing SMAW in the 4G overhead positions on the LLH's located at 7W PP55. The QA Inspector observed the QC inspector Fred Von Hoff as being present in order to monitor the progress and ensure the welding parameters were within the established WPS. The QA Inspector noted that the work was completed on this date and appeared to be in general conformance with the contract documents.

4. 9W PP77 W3 Lifting Lug Holes

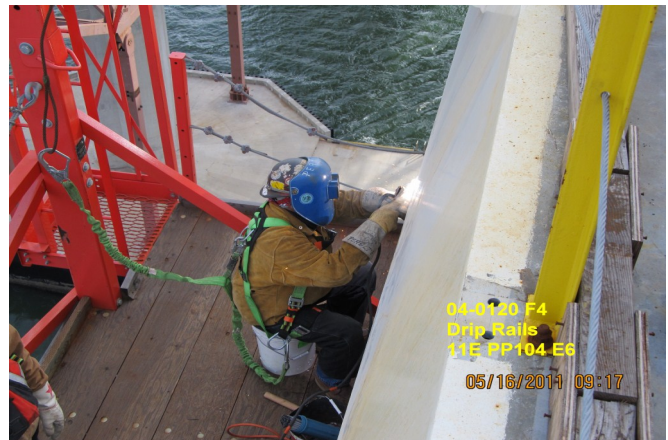
The QA Inspector periodically observed the ABF welder Darcell Jackson performing SMAW in the 1G flat position on the LLH's located at 9W PP77. The QA Inspector observed the QC inspector Fred Von Hoff as being present in order to monitor the progress and ensure the welding parameters were within the established WPS. The QA Inspector noted that the work was completed on this date and appeared to be in general conformance with the contract documents.

5. 9W 10W D2 R1 (Inside)

The QA Inspector noted the dimensions of the excavations as #1 y=4050 150mm's long, 30mm's wide and 20mm's deep. Upon approval of Magnetic Particle Testing by QC Inspector John Pagliero, ABF welder Jorge Lopez performed SMAW on location #1. The QA Inspector observed the QC inspector monitor the progress and ensure the welding parameters were within the established WPS. The QA Inspector noted that the work was completed on this date and appeared to be in general conformance with the contract documents.

Summary of Conversations:

As noted above



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Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Frey,Doug	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
